Index of Claims

| Application/Control No | App | licati | on/C | ont | rol | No. |
|------------------------|-----|--------|------|-----|-----|-----|
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10/633,057 Examiner

Monica Lewis

TAYLOR, RICHARD F.

Reexamination

Applicant(s)/Patent under

Art Unit

2822

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Cla                   | aim  | Date   |                |            |              |              |              |  |              |          |
|-----------------------|--|--|----------------|------------|--------------|--------------|--------------|--|--------------|----------|
|                       |  | T  | П              | П          | Т            | 1            | Ī            | Г  | T            | <u> </u> |
| Final                 | Original   | 3/28/06  |                |            |              |              |              |  |              |          |
|                       | 1  | П  | П              |            | Г            |              | П            |  |              |          |
| -                     | 2  | T  | $\vdash$       | T          | $\vdash$     |              |              |  |              |          |
|                       | 3  | $\vdash$   | $t^-$          | 1          |              |              |              | H  |              |          |
|                       | 4  | ┢  | ┢              | ╁          | ╁            | H            | $\vdash$     | $\vdash$   | ╁            | -        |
| <u> </u>              | 5  | <del>                                     </del> | <del> </del>   | H          | ┢            | $\vdash$     | ┢            | -  | -            | ┢        |
| -                     | 2  | -  | ⊢              | ┢          |              | ⊢            | ⊢            | ╁  | -            | ╁        |
| <u> </u>              | 1<br>2<br>3<br>4<br>5<br>6<br>7  | ┢  | ┝              | ├          | ╁            | $\vdash$     | ₩            | ⊢  | ₩            | -        |
|                       | -  | ╁  | ⊢              | ⊢          | ⊢            | ┢            | ├            | ├  | ┼            | ┢        |
|                       |  | <u> </u>   | ⊢              | ⊢          | $\vdash$     | -            | ┝            | ├  | ⊢            | ├        |
|                       | 10   | -  | ⊢              | ├          | ┢            | ╁            | ├            | ╁  | ┢            | ┢        |
| -                     | 10   | ├-   | -              | -          | ├            | ⊢            | ⊢            | ╁  | ⊢            | $\vdash$ |
|                       | 11   | <u> </u>   | ⊢              | ┢          | ├            | ⊢            | ├            | <b>├</b> ─                                       | ╀            | ⊢        |
| <u></u>               | 12   | <u>├</u>   | $\vdash$       | ├          | ⊢            | ⊢            | ⊢            | 1  | $\vdash$     | Ь.       |
| <u></u>               | 13   | <u> </u>   | <u> </u>       | ļ          | <u> </u>     | $\vdash$     | ļ_           | -  | ⊢            | <u> </u> |
| ļ                     | 14   | <u> </u>   | <u> </u>       | ├          | ├            | ļ            | ļ            | -  | -            | <u> </u> |
| <u> </u>              | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 | $\vdash$   | ₩              | ├          | <del> </del> | ├            | ├            | ⊢  | -            | $\vdash$ |
| <u> </u>              | 16   | ├—   | ├-             | <u> </u>   | <b>.</b>     | ┞            | <del> </del> | <b>├</b> ─                                       | -            |          |
| <u> </u>              | 17   | ├-   |                | ├-         | ├            | ⊢            | ┢            | ┢  | ⊢            | H        |
| <u> </u>              | 18   | _  | ├-             | }—         |              | <u> </u>     |              | -  | -            |          |
|                       | 19   | $\vdash$   | <u> </u>       | <u> </u>   | <del> </del> | ├-           | <u> </u>     | ⊢  | -            | _        |
|                       | 20   |  | <del>-</del>   | <b>⊢</b> − | ⊢            | ⊢            | ├            | ├  | ├-           |          |
|                       | 21   |  | ├-             | ├-         | ⊢            | ⊢            | ├            | ├  | ⊢            | ┝        |
| ļ                     | 22   | ┝  | ┢              | ┢          | ⊨            | ┢            | ⊢            | ┝  | ┢            | ⊢        |
| <u> </u>              | 23   | ⊢  | $\vdash$       | ⊢          | ⊢            | $\vdash$     | ⊢            | $\vdash$   | ⊢            | $\vdash$ |
|                       | 24   | $\vdash$   | ⊢              | $\vdash$   | ⊢            | ⊢            | ⊢            | ⊢  | ⊢            | $\vdash$ |
|                       | 25   | ├  | -              | ├          | ├            | -            | ├            | ├  | ├—           |          |
|                       | 27   | ├  | -              | ├          | ├            | ┢            | ⊢            | <del>                                     </del> | ├            | H        |
|                       | 20   | ┝  | -              | ⊢          | ⊢            | ┢            | ⊢            | ┢  | ├            | ⊢        |
| <u> </u>              | 20   |  | <u> </u>       | -          |              | -            |              | -  | -            | H        |
|                       | 29   | ├—   | <del> </del> - | -          | -            | <del> </del> |              | ├-   | ├            |          |
| 1                     | 30   | Ι.   | <u> </u>       | -          | _            | ⊢            | _            | -  | ├-           |          |
| 2                     | 30<br>31<br>32   | 4  | <b>—</b>       | <u> </u>   | $\vdash$     | $\vdash$     | <u> </u>     | ⊢  | ₩            | $\vdash$ |
| 3                     | 32   | 1  | $\vdash$       | <u> </u>   | <u> </u>     | $\vdash$     | <b>—</b>     | <b>—</b>   | <del> </del> | Щ        |
| 2<br>3<br>4<br>5<br>6 | 33<br>34<br>35   | 1  | $\vdash$       | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>     | ⊢-   | L_           | $\vdash$ |
| 5                     | 34   | ₽  | <u> </u>       | $\vdash$   | $\vdash$     | <u> </u>     | <u> </u>     | 1  | <u> </u>     | Н        |
| 6                     | 35   | 1  | <u> </u>       | <u> </u>   | _            | <u> </u>     | <u> </u>     | <u> </u>   | L.           | <b> </b> |
| 7                     | 36<br>37   | 11   | <u> </u>       |            | _            | <u> </u>     | <u> </u>     | _  | <u> </u>     | Ш        |
| 8                     | 37   | 1  | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>   | L.           | Щ.       |
| 9                     | 38   | Н.   | /-             | <u> </u>   | <del> </del> | <u> </u>     | <u> </u>     | <b> </b>   |              | Ш        |
| 10                    | 39   | Н,   | $\vdash$       | <u> </u>   | <u> </u>     | $\vdash$     | <u> </u>     | <b> </b>   | <u> </u>     | Ш        |
| 11                    | 40   | ₩  | <del> </del>   | <u> </u>   | <u> </u>     | $\vdash$     | ⊢-           | _  | <u> </u>     | $\vdash$ |
| 12                    | 41   | ۲.   | <u> </u>       | _          | ⊢            | L            | -            |  | ├-           | $\vdash$ |
| 13                    | 42   | =  | ├-             | <u> </u>   | _            | $\vdash$     | $\vdash$     | ├-   |              | Н        |
|                       | 43   | <u> </u>   | <u> </u>       | ├          |              | <u> </u>     | $\vdash$     | $\vdash$   | <u> </u>     | $\vdash$ |
| $\vdash$              | 44   | $\vdash$   | ├-             | _          | <u> </u>     | <u> </u>     | ├-           | _  | ├-           |          |
|                       | 45<br>46   | <u> </u>   | H              | <u> </u>   | <u> </u>     | -            |              | <u> </u>   | <u> </u>     | Щ        |
| $\vdash \vdash$       | 46   | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u>     |              | <u> </u>     | <u> </u>   | -            | Щ        |
| <u> </u>              | 47   | _  | <u> </u>       | $\vdash$   |              | $\vdash$     | <u> </u>     | _  | $\vdash$     | Щ        |
| ļ                     | 48   | <u> </u>   | <u> </u>       | $\vdash$   | $\vdash$     | <u> </u>     | <u> </u>     | <u> </u>   | $\vdash$     | $\sqcup$ |
| <u> </u>              | 49   | ļ i  | Щ              | Ь.         | $oxed{oxed}$ | L            | <u> </u>     | <u> </u>   | L.,          | Щ        |
|                       | 50   |  |                |            |              | l            |              |  | l            |          |

| Claim                               |                            | Date  |  |              |  |              |  |              |  |               |
|-------------------------------------|----------------------------|---|--|--------------|--|--------------|--|--------------|--|---------------|
|                                     |                            |   |  |              | Г  | Ė            | Ī  | Π            | Γ  | Γ             |
| <del></del>                         | Original                   |   |  |              | İ  | l            | 1  |              |  |               |
| Final                               | <u>:</u> <u>5</u>          |   |  |              |  | l            |  | ļ            |  |               |
| "                                   | ŏ                          |   |  |              | l  | l            |  |              |  |               |
|                                     | ı                          | <u> </u>  | ├-   | <u> </u>     | ⊢  | ⊢            | ⊢  | ┝            | ⊢  | ₩             |
|                                     | 51<br>52                   | _   | <u> </u>   |              | L.   | _            | _  | _            | _  | _             |
|                                     | 52                         | L   | <u> </u>   | <u> </u>     | L_   | L            | ┖  | _            | _  | _             |
| L                                   | 53                         | <u> </u>  | _  |              |  | L            | ╙  | _            | <u> </u>   | _             |
|                                     | 54<br>55<br>56             |   |  |              | 乚  |              | L  | <u> </u>     | L  | L.            |
|                                     | 55                         |   | L  |              | L_   | _            |  |              | L  | L             |
|                                     | 56                         |   |  |              |  |              |  |              |  |               |
|                                     | 57                         |   |  |              | Г  |              |  |              |  |               |
|                                     | 58                         |   |  |              |  |              |  |              |  |               |
|                                     | 59                         | Г   |  |              |  |              |  |              | Г  | Г             |
|                                     | 60                         |   |  | T            | Г  |              |  | _            | $\overline{}$                                    | $\vdash$      |
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|                                     | 62                         | <b>i</b>  | †  | <u> </u>     |  | Н            |  | 1            |  | $\vdash$      |
|                                     | 62<br>63                   | $\vdash$  | $t^-$  | $t^-$        | Ι  |              | $\vdash$   | <del> </del> | 1  | $\vdash$      |
| $\vdash$                            | 64                         | <del>                                     </del>  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$     |  | $\vdash$     | $\vdash$   | $\vdash$      |
| <u></u>                             | 65                         | ╁   | ╁╾   | ╁            | ╁  | -            | $\vdash$   | -            | ╁╾   | ├-            |
| _                                   | 66                         | $\vdash$  | $\vdash$   | ╁            | -  | -            | -  | $\vdash$     | ╁  | -             |
| -                                   | 67                         | ├   | ├  | ┼            | ├-   | ⊢            | ├  | -            | ├  | ├-            |
| <u> </u>                            | 07                         | ļ   | -  | <b>!</b>     | ⊢  | ┢            |  | H            | ┝┈   | ⊢             |
| <u> </u>                            | 68                         | ⊢   | <del>                                     </del>   | -            | <u> </u>   | <u> </u>     | <b> -</b> -                                      | -            | -  | ⊢             |
|                                     | 68<br>69<br>70<br>71<br>72 | -   | <b>⊢</b>   | ▙            | <u> </u>   | <u> </u>     | _  | <u> </u>     | L  | ⊢             |
| <u> </u>                            | 70                         | <u> </u>  | <u> </u>   | ┞_           | <u> </u>   | <u> </u>     | L  | L            | Ь_   | <u> </u>      |
|                                     | 71                         | <u> </u>  | <u> </u>   | L.           | _  | _            | _  | _            | L_   | ↓_            |
|                                     | 72                         |   | L.   | L            | <u>L</u> .                                       | _            |  | L            |  | _             |
|                                     | 73<br>74<br>75             |   |  | L            | 匚  | L            |  | L            |  | L             |
|                                     | 74                         | <u>L</u>  |  | <u> </u>     | L  |              |  |              |  | L             |
|                                     | 75                         |   |  |              |  |              |  |              |  |               |
|                                     | 76<br>77                   |   |  |              |  |              |  |              |  |               |
|                                     | 77                         |   |  |              |  |              |  |              |  |               |
|                                     | 78                         |   |  |              |  |              | Т  |              |  |               |
|                                     | 79                         | Г   |  |              |  |              |  |              |  |               |
|                                     | 80                         |   |  | Г            |  |              |  |              |  |               |
|                                     | 81                         |   |  |              |  |              |  |              |  |               |
|                                     | 81<br>82                   | ╁   | t-   | $\vdash$     | $\vdash$   | _            | Г  | $\vdash$     | $\vdash$   |               |
|                                     | 83                         |   | Н  | Н            | $\vdash$   |              | $\vdash$   | Т            | $\vdash$   | $\vdash$      |
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| $\vdash$                            | 87                         |   | <del> </del>   | <del> </del> | $\vdash$   | $\vdash$     |  | -            | $\vdash$   | -             |
|                                     | 88                         | H   | ⊢  | $\vdash$     | $\vdash$   | -            |  | -            | ├  | ┝             |
| <b></b>                             | 90                         |   | -  | $\vdash$     | $\vdash$   | -            | -  | $\vdash$     | -  | -             |
|                                     | 89                         | ├   | ⊢-   | $\vdash$     | <u> </u>   | <del> </del> | ⊢  | ├—           | ├-   | <del> -</del> |
| <b> </b>                            | 90                         | <del> </del>  | $\vdash$   | $\vdash$     | $\vdash$   | <u> </u>     | <u> </u>   | ├-           | $\vdash$   | <u> </u>      |
| ļ                                   | 91                         | <u> </u>  | <b>!</b>   | ⊢            | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>     | ऻ_   | <u> </u>      |
| $\vdash$                            | 92                         | <u> </u>  | <u> </u>   | <u> </u>     | <u> </u>   | _            | ļ  |              | oxdot  | <u> </u>      |
| $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | 93                         | <u></u>   | <u> </u>   | <u>L</u>     | $ldsymbol{f eta}$                                | <u> </u>     | _  | L_           |  | _             |
|                                     | 94                         | $ldsymbol{ld}}}}}}$ | $ldsymbol{ld}}}}}}$ | <u> </u>     |  | _            | $oxed{oxed}$                                     | $oxed{oxed}$ |  | L             |
|                                     | 95                         |   |  |              |  |              |  |              |  |               |
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|                                     | 97                         |   |  |              |  |              |  |              |  | Г             |
|                                     | 98                         |   |  |              |  |              |  |              |  |               |
|                                     | 99                         |   |  |              |  |              |  |              |  | Г             |
|                                     |                            | -   | -  | -            |  | _            | -  | _            | -  | $\vdash$      |

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| Cla      | Date  |          |  |  |  |  |  |  |          |          |
|----------|---|----------|--|--|--|--|--|--|----------|----------|
|          |   | Г        | П  |  |  |  |  |  | Π        | П        |
| <u>ज</u> | Original                                      |          |  |  |  |  |  |  |          |          |
| Final    | rig   |          |  |  |  |  | ļ  |  | }        |          |
| _        | 0   |          |  | ĺ  | 1  |  |  | -  |          |          |
| -        | 101   |          | $\vdash$   | $\vdash$   |  |  |  | $\vdash$   |          | П        |
|          | 101<br>102                                    |          |  |  |  |  |  |  |          | П        |
|          | 103   |          | <u> </u>   | ┢  | Г  |  | -  | <b>†</b>   | T        | Н        |
|          | 104   | $\vdash$ | $\vdash$   |  | Т  |  |  | T  |          | Н        |
|          | 104<br>105                                    | $\vdash$ | $\vdash$   |  |  |  |  |  |          | М        |
|          | 106   | $\vdash$ | $\vdash$   | 一  | <u> </u>   |  |  | <del>                                     </del> | $\vdash$ | П        |
| · ·      | 107   | $\vdash$ | _  | ┢  | 1  |  |  |  |          | Н        |
|          | 108   |          | <u> </u>   |  |  | -  | ऻ  |  | ┪        | П        |
|          | 109   |          | _  | 1  |  |  |  |  |          | П        |
|          | 109<br>110                                    | _        | $\vdash$   |  |  |  |  |  | T        | $\Box$   |
|          | 111   |          |  |  |  | _  | <del>                                     </del> | Т  | $\vdash$ | М        |
|          | 112   |          | <u> </u>   |  | -  |  |  |  |          | П        |
|          | 113   | Г        | <del>                                     </del> | l  | m  |  |  | T  | Г        | $\sqcap$ |
|          | 112<br>113<br>114                             |          | Г  | Г  | T  | П  | <del>                                     </del> | T  | $\vdash$ | Н        |
|          | 115<br>116                                    | Г        | _  | <u> </u>   | T  | _  | П  |  |          | П        |
|          | 116   |          |  | Г  | ┢  |  |  |  |          | П        |
|          | 117   | _        |  | $\vdash$   | _  |  |  |  |          | Н        |
|          | 118   | -        | <del>                                     </del> | H  | 1  | <del>                                     </del> |  | $\vdash$   |          | Н        |
|          | 118<br>119                                    |          | H  | $\vdash$   | H  |  | $\vdash$   | <del>                                     </del> | -        | $\vdash$ |
|          | 120   | _        | _  | <del>                                     </del> |  | ┢  | 一  | H  | T        | Н        |
|          | 120<br>121<br>122                             |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |  | 1        | $\vdash$ |
|          | 122   |          | $\vdash$   | Н  | $\vdash$   | $\vdash$   | $\vdash$   | _  | ┰        | $\vdash$ |
|          | 123   |          |  |  |  |  |  |  |          | П        |
|          | 123<br>124<br>125                             |          |  | $\vdash$   | <del>                                     </del> |  | $\vdash$   |  | T        | Н        |
|          | 125   |          |  |  | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$ | H        |
|          | 126   |          | T  | 1  | -  |  | 1  | 1  |          | Н        |
|          | 127   |          |  | $\vdash$   |  |  |  | T  |          | П        |
|          | 126<br>127<br>128<br>129<br>130<br>131<br>132 |          | T  | Т  |  | $\vdash$   |  | <del> </del>                                     |          | Н        |
|          | 129   |          |  | T  | -  |  | $\vdash$   | Т  |          | П        |
|          | 130   |          |  |  |  |  |  | Г  | T        | П        |
|          | 131   | $\vdash$ |  | m  | <b>—</b>   |  |  | <del>                                     </del> | 1        | М        |
|          | 132   |          |  | _  | _  | _  | <del>                                     </del> |  | Т        | П        |
|          | 133   | _        |  |  |  | _  | _  |  | <b> </b> | П        |
|          | 134   | _        | -  | <b>—</b>   |  |  |  | _  | $\vdash$ | М        |
|          | 134<br>135                                    |          |  |  |  |  |  |  |          | П        |
|          | 136   |          | T  |  |  |  |  |  |          |          |
|          | 137   |          |  |  | Г  |  |  |  |          |          |
|          | 138   |          |  |  |  |  |  |  | _        | П        |
|          | 137<br>138<br>139                             |          |  |  |  |  |  |  |          | П        |
|          | 140   |          |  |  |  |  |  |  |          | П        |
|          | 141   |          |  |  |  |  |  |  | Γ        | П        |
|          | 142   |          |  |  |  |  |  |  |          | П        |
|          | 143   |          | Т  |  |  |  |  |  |          | П        |
|          | 144   |          | $\Box$   | $\Box$   |  |  |  |  |          | П        |
|          | 145   |          |  |  | $\vdash$   |  |  | $\vdash$   |          | $\vdash$ |
|          | 146   |          |  |  |  | П  |  |  |          |          |
|          | 147   |          |  |  |  |  |  |  |          | П        |
|          | 148   |          |  |  |  | Н  | H  |  |          | $\dashv$ |
|          | 149   |          |  |  |  | $\vdash$   |  |  |          | $\dashv$ |
|          | 150   |          |  |  |  | М  |  | Н  |          | $\dashv$ |
|          |   | _        |  |  |  |  |  |  |          | -        |